

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6920580".pn. and (heartbeat)	USPAT	OR	OFF	2007/09/01 23:06
S3	34	("6760787") or ("20040128456") or ("20040098543") or ("20030105767") or ("20030074374") or ("6546475") or ("20020184439") or ("20020178336") or ("6449607") or ("20020124124") or ("20020099901") or ("20020073248") or ("6321276") or ("20010029592") or ("5940866") or ("5768623") or ("5542064")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 14:48
S4	2	("20020124124").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 15:13
S6	6	S3 and (integrated circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 15:16
S7	519	714/6.ccls. and (controller adapter) same (integrated circuit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 15:24
S9	59	714/6.ccls. and (controller adapter) same (integrated circuit) same PCI	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 15:42
S11	6	(storage adj (controller adapter)) adj5 (circuit adj board)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/28 15:44

## EAST Search History

S12	39	(storage adj (controller adapter)) with (circuit adj board)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/28 15:46
S14	27	(storage adj (controller adapter)) with ((printed adj circuit adj board) PCB)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 10:52
S16	2	"20030200478"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 10:00
S17	124	714/4,6.ccls. and ((controller adapter adaptor) with ((integrated adj circuit) ((printed adj circuit adj board) PCB)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 10:57
S22	46	"714"/\$.ccls. and (((storage disk) adj3 (controller adapter adaptor)) same (network NIC) same ((integrated adj circuit) (printed adj circuit adj board) PCB FRU (field adj replaceable)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:11
S23	370	(((storage disk) adj3 (controller adapter adaptor)) same (network NIC) same ((integrated adj circuit) (printed adj circuit adj board) PCB FRU (field adj replaceable)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:05
S24	55	(((storage disk) adj3 (controll\$3 adapt\$3)) with (network NIC) with ((integrated adj circuit) (printed adj circuit adj board) PCB FRU (field adj replaceable)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:13

## EAST Search History

S25	52	(((storage disk) adj3 (controll\$3 adapt\$3)) with (network NIC) with ((circuit adj board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:23
S26	961	(((storage disk) adj3 (controll\$3 adapt\$3)) with ((circuit adj board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:56
S27	108	"714"/\$.ccls. and (((storage disk) adj3 (controll\$3 adapt\$3)) with ((circuit adj board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:42
S28	139	"714"/\$.ccls. and ((filer (file server)) with ((circuit adj board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:46
S29	161	(filer (file adj server)) with ((circuit adj board) PCB (integrat\$3 adj circuit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:56
S30	589	hitachi.as. and disk adj controller and network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:55
S31	2	hitachi.as. and (disk adj controller) and (network adj controlling adj unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 11:55

## EAST Search History

S33	79	(((storage disk) adj3 (controll\$3 adapt\$3)) with (network adj interface) with ((circuit board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:08
S34	2	"6085333".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:04
S35	2966	((filer ((storage disk) adj3 (controll\$3 adapt\$3))) same (network adj interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:08
S36	233	"714"/\$.ccls. and ((filer ((storage disk) adj3 (controll\$3 adapt\$3))) same (network adj interface))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:47
S37	86	"714"/\$.ccls. and ((filer (file adj server)) same ((storage disk) adj3 (controll\$3 adapt\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 12:16
S38	3	"714"/\$.ccls. and ((filer (file adj server)) with ((circuit adj board) PCB (integrat\$3 adj circuit)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 15:41
S39	4	"714"/\$.ccls. and ((filer) same (network adj interface)) and heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 13:39

## EAST Search History

S40	3	"7210068".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 14:44
S41	2	"20030200478"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 14:44
S42	2	"6971042"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 14:45
S43	31	("20020066050"   "4870643"   "5191584"   "5519435"   "5790176"   "5796566"   "5805919"   "5825630"   "5901048"   "5909430"   "5913028"   "5938744"   "6010345"   "6047319"   "6061241"   "6067636"   "6070228"   "6108695"   "6112246"   "6134579"   "6138144"   "6144549"   "6148142"   "6155840"   "6157534"   "6170021"   "6173340"   "6202170"   "6269453"   "6625750"   "6789165").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/08/29 14:46
S44	42	(network with ((storage disk) adj3 controller) with ((circuit adj board) PCB))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:05
S45	2	"20020124124"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:40

## EAST Search History

S46	0	((storage disk) adj controller) same network same file same heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:42
S47	200	((storage disk) adj controller) and network and file and heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:42
S48	9293	((((storage disk) adj controller) same file) network and heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:43
S49	74	((((storage disk) adj controller) same file) and network and heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 10:44
S50	100	((((storage disk) adj controller) same file) and network and ((print\$3 adj circuit adj board) PCB)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:26
S51	81	((((storage disk) adj controller) same file) and network and ((print\$3 adj circuit adj board) PCB) and (heartbeat fault failure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:26
S52	836	((((storage disk) adj controller) same file) and network and (heartbeat fault failure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:27

## EAST Search History

S53	10	714/4.ccls. and (((storage disk) adj controller) same file) same network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:30
S54	1	714/4.ccls. and (((storage disk) adj controller) with (file adj system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:31
S55	290	((storage disk) adj controller) with (file adj system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 11:31
S56	507	(printed adj circuit adj board) with (delay faster)	USPAT	OR	OFF	2007/08/30 12:35
S57	0	"ti."	USPAT	OR	OFF	2007/08/30 12:35
S58	2	(printed adj circuit adj board).ti. with (delay faster)	USPAT	OR	OFF	2007/08/30 12:35
S59	253	(printed adj circuit adj board).ti. and (delay faster)	USPAT	OR	OFF	2007/08/30 12:36
S63	1	"7210068".pn. and logical and address	USPAT	OR	OFF	2007/08/30 13:09
S64	0	"7210068".pn. and PCI	USPAT	OR	OFF	2007/08/30 13:09
S65	1736	(printed adj circuit adj board) and PCI	USPAT	OR	OFF	2007/08/30 13:11
S66	0	(printed adj circuit adj board) with PCI with (storage adj controller)	USPAT	OR	OFF	2007/08/30 13:13
S67	1	"7210068".pn. and bus	USPAT	OR	OFF	2007/08/30 13:12
S68	42	(printed adj circuit adj board) with PCI adj bus	USPAT	OR	OFF	2007/08/30 13:14
S69	135	internal adj PCI adj bus	USPAT	OR	OFF	2007/08/30 14:32
S74	0	"6920579".pn. and address and logical	USPAT	OR	OFF	2007/08/30 17:06
S75	1	"6920579".pn. and logical	USPAT	OR	OFF	2007/08/30 15:32
S76	0	"6920579".pn. and logical adj block	USPAT	OR	OFF	2007/08/30 15:43
S77	25	filer and heartbeat	USPAT	OR	OFF	2007/08/30 17:15
S78	2476	filer same heartbeat sane logical adj block adj number	USPAT	OR	OFF	2007/08/30 15:44

## EAST Search History

S79	0	filer same heartbeat same (logical adj block adj number)	USPAT	OR	OFF	2007/08/30 15:44
S80	0	filer same heartbeat same (logical adj block adj number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 15:44
S81	7	filer same (logical adj block adj number)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 15:45
S82	0	filer same (address) same heartbeat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 15:59
S83	1	"7210068".pn. and NVRAM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 17:14
S84	1	"6920579".pn. and "152"	USPAT	OR	OFF	2007/08/30 17:10
S85	1	"6920579".pn. and operator	USPAT	OR	OFF	2007/08/30 17:10
S86	0	"7210068".pn. and "230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 17:14
S87	1	"7210068".pn. and user	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 17:14
S88	6	filer and heartbeat and notify\$3	USPAT	OR	OFF	2007/08/30 17:27
S89	0	filer and heartbeat same notify\$3	USPAT	OR	OFF	2007/08/30 17:27
S90	2	filer same notify\$3 and heartbeat	USPAT	OR	OFF	2007/08/30 17:33

## EAST Search History

S91	347402	"6920579".pn. and fault failure	USPAT	OR	OFF	2007/08/30 17:33
S92	1	"6920579".pn. and (fault failure)	USPAT	OR	OFF	2007/09/01 23:06